ISSUE CLASSIFICATION		Sub.Class	Class	
395	425			(JT)

UTILITY SERIAL NUMBER 08/158033

PATENT DAT AUG 1 5 1995

PATENT NUMBER 5442771

SERIAL NUMBER	FILING DATE	CLASS	SUBCLASS	GROUP ART UNIT	EXAMINER
08/158,033	11/26/93	395	425	~~2316~~ 2312	Robertson

ROBERT FILEPP, SPRINGFIELD, NJ; MICHAEL L. GORDON, DOBBS FERRY, NY; ALEXANDER W. BIDWELL, NEW YORK, NY; ALLAN M. WOLF, RIDGEFIELD, CT; FRANCIS C. YOUNG, PEARL RIVER, NY; DUANE TIEMANN, OSSINING, NY; KENNETH H. APPLEMAN, WHITE PLAINS, NY; SAM MEO, NEW YORK, NY.

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**CONTINUING DATA**********************
VERIFIED        THIS APPLN IS A DIV OF    07/388,156  07/28/89  NOW PAT 5347632
                WHICH IS A CIP OF         07/328,790  03/23/89  ABN.
                WHICH IS A CIP OF         07/219,931  07/15/88  ABN.


**FOREIGN/PCT APPLICATIONS************
VERIFIED

            NONE
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FOREIGN FILING LICENSE GRANTED 12/21/93

Foreign priority claimed ☐ yes ☒ no 35 USC 119 conditions met ☐ yes ☒ no Verified and Acknowledged Examiner's Initials	AS FILED ➡	STATE OR COUNTRY	SHEETS DRWGS.	TOTAL CLAIMS	INDEP. CLAIMS	FILING FEE RECEIVED	ATTORNEY'S DOCKET NO.
		NJ	16	20	2	$710.00	PRD008

ADDRESS
PAUL C. SCIFO, Esq.
233 BROADWAY, SUITE 4703
NEW YORK, NY 10279

TITLE METHOD FOR STORING DATA IN AN INTERACTIVE COMPUTER NETWORK

U.S. DEPT. of COMM.-Pat. & TM Office — PTO-436L (rev. 10-78)

PARTS OF APPLICATION FILED SEPARATELY

Applications Examiner

NOTICE OF ALLOWANCE MAILED

12-22-94

Assistant Examiner

ISSUE FEE

Amount Due	Date Paid
$1210.00	3-3-95

DAVID L. ROBERTSON
PATENT EXAMINER
GROUP 2300

Primary Examiner

PREPARED FOR ISSUE

CLAIMS ALLOWED	
Total Claims	Print Claim
20	1

DRAWING		
Sheets Drwg.	Figs. Drwg.	Print Fig.
9	9	2

ISSUE BATCH NUMBER H33

Label Area

PTO-436A
8/92

(FACE)

POSITION	ID NO.		DATE
CLASSIFIER		8	12.1393
EXAMINER		277	12-15.
TYPIST	355		12 21-93
VERIFIER		277	12-21
CORPS CORR.			
SPEC. HAND			
FILE MAINT.			
DRAFTING			

INDEX OF CLAIMS

Claim		Date						
Final	Original							
1	1							
2	2							
3	3							
4	4							
5	5							
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SYMBOLS
✓ . . . . Rejected
= . . . . Allowed
- (Through numberal) Canceled
+ . . . . Restricted
N . . . . Non-elected
I . . . . Interference
A . . . . Appeal
O . . . . Objected

Claim		Date						
Final	Original							
	51							
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(LEFT INSIDE)

PATENT NUMBER	ORIGINAL CLASSIFICATION				
	CLASS **395**	SUBCLASS **425** 6?			
APPLICATION SERIAL NUMBER 08/158033	CROSS REFERENCE(S)				
	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)			
APPLICANT'S NAME (PLEASE PRINT) Filepp et al.	395	497.02	487	154	200:08
	395	600			
IF REISSUE, ORIGINAL PATENT NUMBER					
INTERNATIONAL CLASSIFICATION					
G 0 6 F 13/14					
	GROUP ART UNIT **2312**	ASSISTANT EXAMINER (PLEASE STAMP OR PRINT FULL NAME)			
		PRIMARY EXAMINER (PLEASE STAMP OR PRINT FULL NAME) David L. Robertso—			

PTO 270
(REV. 5-91)

ISSUE CLASSIFICATION SLIP

U S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

PTO-447A (REV 1-85)	U S DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		1 REQUEST DATE 1/12/94	2 SERIAL NO 08/158800
APPLICATION TRANSFER REQUEST				
3 TO GROUP ART UNIT 23/2	4 EXAMINER (if known)	5 TRANSFER IS REQUESTED FROM	CLASS	TO CLASS/SUB 395/425

6 REASON(S) (give details where possible)
Memory management "caches"

	7 EXAMINER	8 GROUP ART UNIT 2316

DISPOSITION OF APPLICATION BY RECEIVING GROUP ART UNIT

9 ☐ ACCEPTED ☐ NOT ACCEPTED	☐ FORWARDED TO THE FOLLOWING DOC DIV	BY (Examiner)	DATE

10 REASON(S)

DISPOSITION OF APPLICATION BY DOCUMENTATION

11 ☐ TRANSFER NOT APPROVED, RETURNED TO ORIGINATING GROUP ☐ TRANSFER APPROVED FORWARDED TO ⟶

	GROUP ART UNIT	CLASS/SUB

12 REASON(S) ☐ AS SET FORTH BY ORIGINATING GROUP ☐ OTHER

13 CLASSIFIER	14 DOCUMENTATION DIV	15 DATE	16 CONCURRING CLASSIFIER

BAR CODE LABEL

U.S. PATENT APPLICATION

SERIAL NUMBER	FILING DATE	CLASS	GROUP ART UNIT
08/158,033	11/26/93	395	2316

APPLICANT

ROBERT FILEPP, SPRINGFIELD, NJ; MICHAEL L. GORDON, DOBBS FERRY, NY;
ALEXANDER W. BIDWELL, NEW YORK, NY; ALLAN M. WOLF, RIDGEFIELD, CT;
FRANCIS C. YOUNG, PEARL RIVER, NY; DUANE TIEMANN, OSSINING, NY;
KENNETH H. APPLEMAN, WHITE PLAINS, NY; SAM MEO, NEW YORK, NY.

CONTINUING DATA*******************
VERIFIED   THIS APPLN IS A DIV OF   07/388,156 07/28/89
              WHICH IS A CIP OF   07/328,790 03/23/89
              WHICH IS A CIP OF   07/219,931 07/15/88

FOREIGN/PCT APPLICATIONS**********
VERIFIED

FOREIGN FILING LICENSE GRANTED 12/21/93

STATE OR COUNTRY	SHEETS DRAWING	TOTAL CLAIMS	INDEPENDENT CLAIMS	FILING FEE RECEIVED	ATTORNEY DOCKET NO.
NJ	16	20	2	$710.00	PRD008

ADDRESS
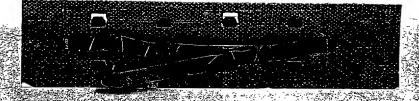
PAUL C. SCIFO
233 BROADWAY, SUITE 4703
NEW YORK, NY   10279

TITLE

METHOD FOR STORING DATA IN AN INTERACTIVE COMPUTER NETWORK

The
United
States
of
America

The Commissioner of Patents and Trademarks

Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this

United States Patent

Grants to the person or persons having title to this patent the right to exclude others from making, using or selling the invention throughout the United States of America for the term of seventeen years from the date of this patent, subject to the payment of maintenance fees as provided by law.

Bruce Lehman

Commissioner of Patents and Trademarks

Attest

PTO-1584

(RIGHT INSIDE)

FPI

SEARCHED

Class	Sub.	Date	Exmr.
39T	400 425	4/1/94	DK
update above		12/21/94	

SEARCH NOTES

	Date	Exmr.
Consulted w/ Gp's1 Boy re search in 355/325 — none indicated. APS search — see attached terms. Dialog search — see attached terms. STIC search — see attached printout.	4/1/94	DK

INTERFERENCE SEARCHED

Class	Sub.	Date	Exmr.
375	425	2/21/94	D

PATENT APPLICATION FEE DETERMINATION RECORD
Effective October 1, 1992

Application or Docket Number

08158033

CLAIMS AS FILED - PART I

FOR	NUMBER FILED (Column 1)	NUMBER EXTRA (Column 2)	SMALL ENTITY RATE	SMALL ENTITY FEE	OR	OTHER THAN SMALL ENTITY RATE	OTHER THAN SMALL ENTITY FEE
BASIC FEE				$355.00	OR		$710.00
TOTAL CLAIMS	20 minus 20 =	*	x$11=		OR	x$22=	
INDEPENDENT CLAIMS	2 minus 3 =	*	x 37=		OR	x 74=	
MULTIPLE DEPENDENT CLAIM PRESENT			+115=		OR	+230=	
			TOTAL		OR	TOTAL	710

* If the difference in column 1 is less then zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

AMENDMENT A

	CLAIMS REMAINING AFTER AMENDMENT (Column 1)	HIGHEST NUMBER PREVIOUSLY PAID FOR (Column 2)	PRESENT EXTRA (Column 3)	SMALL ENTITY RATE	SMALL ENTITY ADDI-TIONAL FEE	OR	OTHER THAN SMALL ENTITY RATE	OTHER THAN SMALL ENTITY ADDI-TIONAL FEE
Total	*	Minus **	=	x$11=		OR	x$22=	
Independent	*	Minus ***	=	x 37=		OR	x 74=	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				+ 115=		OR	+230=	
				TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

AMENDMENT B

	CLAIMS REMAINING AFTER AMENDMENT (Column 1)	HIGHEST NUMBER PREVIOUSLY PAID FOR (Column 2)	PRESENT EXTRA (Column 3)	SMALL ENTITY RATE	SMALL ENTITY ADDI-TIONAL FEE	OR	OTHER THAN SMALL ENTITY RATE	OTHER THAN SMALL ENTITY ADDI-TIONAL FEE
Total	*	Minus **	=	x$11=		OR	x$22=	
Independent	*	Minus ***	=	x 37=		OR	x 74=	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				+ 115=		OR	+ 230=	
				TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

AMENDMENT C

	CLAIMS REMAINING AFTER AMENDMENT (Column 1)	HIGHEST NUMBER PREVIOUSLY PAID FOR (Column 2)	PRESENT EXTRA (Column 3)	SMALL ENTITY RATE	SMALL ENTITY ADDI-TIONAL FEE	OR	OTHER THAN SMALL ENTITY RATE	OTHER THAN SMALL ENTITY ADDI-TIONAL FEE
Total	*	Minus **	=	x$11=		OR	x$22=	
Independent	*	Minus ***	=	x 37=		OR	x 74=	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				+115=		OR	+230=	
				TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

U.S. DEPARTMENT OF COMMERCE - PATENT & TRADEMARK OFFICE

PTO 1130
(REV 11/91)

PACE DATA ENTRY CODING SHEET

1ST EXAMINER S. Ahmed	DATE 12-15-93
2ND EXAMINER	DATE

APPLICATION NUMBER

06/158033

TOTAL CLAIMS		
0	2	0

INDEPENDENT CLAIMS		
0	0	2

TYPE APPL
1

FILING DATE

MONTH		DAY		YEAR	
1	1	2	6	9	3

SMALL ENTITY?
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FILING FEE		
7	1	0

SPECIAL HANDLING
0

FOREIGN LICENSE
Y

GROUP ART UNIT			
2	3	1	6

CLASS		
3	9	5

SHEETS OF DRAWING		
0	1	6

ATTORNEY DOCKET NUMBER

P	R	D	0	0	8				

CONTINUITY DATA

CONTINUITY CODE		
0	1	3
1	3	
1	3	

STATUS CODE	
2	0
2	0
2	0
2	0

PARENT APPLICATION SERIAL NUMBER

0	7	3	8	8	1	5	6
0	7	3	2	8	7	9	0
0	7	2	1	9	9	3	1
0							

PARENT PATENT NUMBER

PARENT FILING DATE

MONTH		DAY		YEAR	
0	7	2	8	9	0
0	3	2	3	8	9
0	7	1	5	8	8

PCT/FOREIGN APPLICATION DATA

FOREIGN PRIORITY CLAIMED
N

COUNTRY CODE

PCT/FOREIGN APPLICATION SERIAL NUMBER

FOREIGN FILING DATE

MONTH		DAY		YEAR	

08/158033

Date Entered or Counted

CONTENTS

Date Received or Mailed

RECEIVED
JAN 04 1994
GROUP 2900

1. Application _Prints_ papers.
2. _Rej 3 mos_   4-5-94
3. _Letter from Art_   10-11-94   C/M
4. _Request X Ext 3 mos_   10-11-94   10-6-94
5. _Amdt A + Draw Cert_   10-11-94
6. _Notice of Allowance_   12-22-94
7. Notice of Outstanding Drawing Requirement   MAY - 9 1995
8. _Formal Drawings / Letter w/ Ext of Time (2mo)_   5-17-95
9. PTO GRANT AUG 1 5 1995
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